2851

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2851	036	10 20 75	18HN	3439	7703

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0005	22	22	19	017	Y	NW	15

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	CN	SA	S	FT	020	—	14	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00107	0004	—	00027

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
							PO	DO
START	34° 39′	77° 03′	3H6 2020	3H1 4930	5		1344	1345
							PU	ON
FINISH	34° 38′	77° 05′	2046	4934	5		1415	1418

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200 2 / 5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

R/V DAN MOORE SPECIES LIST

STA. NO. 2851 DATE Oct 20 19 75 BIOLOGISTS SGK BFH JV

TOT. CATCH WT. 138 AIR 19.0 SURFACE 22.0 BOTTOM 21.8

SAMPLE WT. 90 RAISING FACTOR 1.67

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Micropogon undulatus	NC	39	5½	9.29	.1	
Leiostomus xanthurus	NC	177	14	23.4	.1	
Pomatomus saltatrix	NC	7	2	3.3	.3	
Stenotomus caprinus		6	1	1.7	.17	
Menticirrhus littoralis		1	.56	.9	.56	
Scomberomorus cavalla		4	.38	.6	.10	
Chaetodipterus faber		10	1	1.7	.10	
Sphoeroides maculatus		1	.44	.7	.44	
Larimus fasciatus		15	1½	2.5	.10	
Scopthalmus aquosus		2	.38	.60	.19	
Chilomycterus schoepfi		1	½	.80	.5	
Brevoortia tyrannus		1	¼	.4	.25	
Orthopristes chrysoptera		9	¾	1.3	.08	
Cynoscion regalis	C	2	1 ¾	2.9	.88	
" "	NC	6	1 ¼	2.1	.21	
Paiomatus caroliniana		2	.13	.2	.07	
Anchoa hepsetus		5	.13	.2	.03	
Ogcocephalus vespertilio		1	trace	trace	trace	
Scomberomorus maculatus		2	.31	.5	.16	
Peprilus triacanthus	C	4	1 ¼	2.1	.31	
" "	NC	36	5½	9.2	.15	
Lagodon rhomboides		3	¼	.4	.08	
Vomer setapinnis		7	½	.8	.07	
Peprilus alepidotus	NC	4	½	.8	.13	
Menticirrhus americanus	C	2	1½	2.5	.75	
" "	NC	2	.44	.7	.22	
Paralichthys lethostigma	C	5	4½	4.5	.90	} Lengths and sex recorded
Paralichthys dentatus		10	4	4.0	.40	
Paralichthys albigutta		1	1¼	1.25	1.25	
Dasyatis sp.		12	10	16.7	.83	
Raja eglanteria		9	7	11.7	.78	
Paturnus sp.		3	.38	.6	.13	
Callinectes sp.		8	1	1.7	.13	
Squilla empusa		3	¼	.4	.08	
Hepatus sp.		1	trace	trace	trace	
Calappa sp		3	.38	.6	.13	
Libinia sp		1	trace	trace	trace	
Penaeus setiferus		2	.13	.2	.07	
Penaeus duorarum		3	¼	.4	.08	
Penaeus aztecus		1	.13	.2	.13	
Limulus polyphemus		10	16	26.7	1.6	
Loligo pealeii brevis		1	trace	trace	trace	

Length-frequency distribution

Species: P. albigutta

Station: 2851

Date: Oct 20, 1975

Locality: 18AN

area 4

T.L.	♀
100 - 109	
110 -	
120 -	
130 -	
140 -	
150 -	
160 -	
170 -	
180 -	
190 -	
200 -	
210 -	
220 -	
230 -	
240 -	
250 -	
260 -	
270 -	
280 -	
290 -	
300 -	
310 -	
320 -	
330 -	1
340 -	
350 -	
360 -	
370 -	
380 -	
390 -	
400 -	
410 -	
420 -	
430 -	
440 -	
450 -	
460 -	
470 -	
480 -	
490 -	
500 -	
510 -	
520 -	
530 -	
540 -	
550 -	
560 -	
570 -	
520 -	
590 -	

T.L.	
600 -	
610 -	
620 -	
630 -	
640 -	
650 -	
660 -	
670 -	
680 -	
690 -	
700 -	
710 -	
720 -	
730 -	
740 -	
750 -	

① 335 ♀

Sheet ___ of ___

Length-frequency distribution

N = 10

Species: P. dentatus

Station: 2851

AREA 4

Date: Oct 20 1975

Locality: 18AN

T.L.	sexes combined		T.L.
100 - 109.9			600 -
110 -			610 -
120 -			620 -
130 -			630 -
140 -			640 -
150 -			650 -
160 -			660 -
170 -			670 -
180 -			680 -
190 -			690 -
200 -			700 -
210 -			710 -
220 -	II	(2)	720 -
230 -	I	(1)	730 -
240 -			740 -
250 -	III	(3)	750 -
260 -	I	(1)	
270 -	I	(1)	
280 -	I	(1)	
290 -	I	(1)	
300 -			
310 -			
320 -			
330 -			
340 -			
350 -			
360 -			
370 -			
380 -			
390 -			
400 -			
410 -			
420 -			
430 -			
440 -			
450 -			
460 -			
470 -			
480 -			
490 -			
500 -			
510 -			
520 -			
530 -			
540 -			
550 -			
560 -			
570 -			
580 -			
590 -	N = 10		

① 228
② 253
③ 270
④ 260
⑤ 280
⑥ 227
⑦ 257
⑧ 295
⑨ 230
⑩ 258

RANGE 227 - 295

Sheet ___ of ___

Digitized by the Internet Archive
in 2017 with funding from
IMLS LG-70-15-0138-15

https://archive.org/details/danmoore285100unse

Length-frequency distribution

Species P. Lethostigma Station 2851

Date Oct 20 1975 Locality 18AN AREA 4

T.L.	♂	♀
100 - 109		
110 -		
120 -		
130 -		
140 -		
150 -		
160 -		
170 -		
180 -		
190 -		
200 -		
210 -		
220 -		
230 -		
240 -		
250 -		
260 -		
270 -		
280 -		
290 -	1	
300 -		
310 -		
320 -		
330 -	1	1
340 -		
350 -		
360 -		
370 -		
380 -		
390 -		
400 -		
410 -		
420 -	1	
430 -	1	
440 -		
450 -		
460 -		
470 -		
480 -		
490 -		
500 -		
510 -		
520 -		
530 -		
540 -		
550 -		
560 -		
570 -		
580 -		
590 -		

T.L.
600 -
610 -
620 -
630 -
640 -
650 -
660 -
670 -
680 -
690 -
700 -
710 -
720 -
730 -
740 -
750 -

① 425 ♂
② 336 ♂
③ 436 ♂
④ 294 ♂
⑤ 337 ♀

Sheet ___ of ___

Length-frequency distribution

Species P. albigutta

Station: 287

AREA 4

Date Oct 21 1975

Locality: 13AQ

T.L.		T.L.	
100 - 109.9		600 -	
110 -		610 -	
120 -		620 -	
130 -		630 -	
140 -		640 -	
150 -		650 -	
160 -		660 -	
170 -		670 -	
180 -		680 -	
190 -		690 -	
200 -		700 -	
210 -		710 -	
220 -		720 -	
230 -		730 -	
240 -		740 -	
250 -		750 -	
260 -			
270 -			
280 -			
290 -		♂ 362 ♀	
300 -			
310 -			
320 -			
330 -			
340 -			
350 -			
360 -	1		
370 -			
380 -			
390 -			
400 -			
410 -			
420 -			
430 -			
440 -			
450 -			
460 -			
470 -			
480 -			
490 -			
500 -			
510 -			
520 -			
530 -			
540 -			
550 -			
560 -			
570 -			
580 -			
590 -			

Sheet ___ of ___

2851